## IN THE CLAIMS:

Please amend the claims as follows:


1.    (Currently amended) A method for automatic modeling a process control system, whereby elements of a user interface are arranged in a tree structure reflecting [[the]] a topography of the elements in the process control system, whereby each element is assigned to at least one input window having a plurality of attributes for setting and/or monitoring a target apparatus controllable in the process control system, whereby [[the]] a current arrangement of the tree structure is stored as a project, and a list of all windows opened during the same a current operation as well as their attributes are stored as an operating session, to thereby be able to restore [[the]] a state of the elements when loading the process control system again;
    whereby the input windows for setting and monitoring the target apparatus provided by the elements in the project serve for at least one of displaying values measured by the target apparatus, diagnosis of the target apparatus and parameterizing of the target apparatus.


2.    (Currently amended) The method according to claim 1, whereby a  handling software is used to store the tree structure as well as the list of windows and their attributes, whereby the handling software further stores [[the]] a position of the input windows during the current operation.


3.    (Currently amended) The method according to claim 2, whereby the handling software stores [[the]] a communication status, indicating an online or offline status, respectively, for storing the state of the elements.


4.    (Currently amended) The method according to claim 2, whereby the handling software for storing the state of the elements stores [[the]] a state of the associated user interface of the respective input windows.


2

5.      (Currently amended) The method according to claim 1, whereby only distinct communication links to distinct nodes of the ~~complete~~ project are selected to be restored.


6.      (Canceled).


7.      (Currently amended) The method according to claim 1, whereby [[the]] a current state of the input windows opened during operation of the process control system is transmitted to [[the]] a handling software in [[a]] an XML string.


8.      (Currently amended) The method according to claim 1, whereby [[the]] a state of the input windows opened during operation of the process control system is queried and stored by conventional interface methods.


9.      (Currently amended) The method according to claim 1, whereby the project[[s]] and the ~~associated~~ states of the elements of the project are stored in project files.


10.     (Currently amended) The method according to claim 1, whereby session information is stored in the project ~~files~~ or references to the ~~files~~ project including session information are stored.


11.     (Currently amended) The method according to claim 1, whereby upon opening the project it is verified whether session information is present, and if present, [[the]] a last present view of the project with all opened dialogs is restored and all connections of [[the]] a last session are restored.


12.     (Currently amended) The method according to claim 1, whereby a session manager manages a list of sessions and [[the]] names of [[the]] active sessions for each project and stores the latter in a non-volatile project directory.


3

13.    (Currently amended) The method according to claim 12, whereby the session manager offers a dialog during loading of [[a]] the project, in which the names of all available sessions for [[a]] the project are offered for selection.

14.    (Currently amended) A method for automatic modeling a process control system comprising at least one target apparatus, whereby elements of a user interface are arranged in a tree structure reflecting [[the]] a topography of the elements in the process control system, whereby each element is assigned to at least one input window having a plurality of attributes for setting and/or monitoring the target apparatus controllable in the process control system, whereby a handling software stores [[the]] a current arrangement of the tree structure as a project, a list of all windows opened during the same a current operation as well as their attributes as an operating session, the attributes including at least one of and the a position and/or the and a communication status[[,]] indicating one of an online or offline status, respectively, status and an offline status of the user interface of a respective the input window, to thereby be able to restore [[the]] a state of the elements when loading the process control system again;

        whereby the input windows for setting and monitoring the target apparatus provided by the elements in the project serve for at least one of displaying values measured by the target apparatus, diagnosis of the target apparatus and parameterizing of the target apparatus.

15.    (Currently amended) A process control system comprising a host PC for loading a process control system and at least one target apparatus connected to the host PC via a bus system, whereby the process control system is adapted to be displayed to display the process control system which comprises elements of a user interface in a form of a tree structure on an input window, whereby the tree structure comprises nodes, each node providing at least one input window having a plurality of attributes for setting and/or monitoring [[a]] the target apparatus assigned thereto, whereby a memory of the process control system is adapted to store [[the]] an arrangement of the tree structure as a project, and a list of all windows opened during operation as well as their attributes as an operating session being automatically restorable restored during reloading of the process control system;

4

whereby the input windows for setting and monitoring the target apparatus provided by
the elements in the project serve for at least one of displaying values measured by the target
apparatus, diagnosis of the target apparatus and parameterizing of the target apparatus.

16.    (Currently amended) The ~~process control~~ system according to claim 15, whereby the
memory is adapted to store [[the]] a position of the input windows.

17.    (Currently amended) The ~~process control~~ system according to claim 15, whereby the
memory is adapted to store [[the]] a communication status[[,]] indicating one of an online ~~or~~
~~offline status, respectively;~~ status and an offline status of the input window.

18.    (Currently amended) The ~~process control~~ system according to claim 15, whereby the
memory is adapted to store [[the]] a state of the user interface associated to respective input
windows.

19.    (Currently amended) The ~~process control~~ system according to claim 15, whereby the
memory is adapted to store several operating sessions for each project.

20.    (Currently amended) The ~~process control~~ system according to claim 15, whereby the
system is adapted to be implementable permanently in a frame application.

21.    (Currently amended) The ~~process control~~ system according to claim [[15]] 20, whereby
the system is adapted to be implementable into the frame application as an add-in.

22.    (Currently amended) The ~~process control~~ system according to claim 15, whereby the
input windows are windows for visualizing measurement values obtained by the at least one
target apparatus.

23.    (Currently amended) The ~~process control~~ system according to claim 15, whereby the

5

input windows are windows for diagnosis messages.

24.     (Currently amended) The ~~process control~~ system according to claim 15, comprising a
session manager.

6